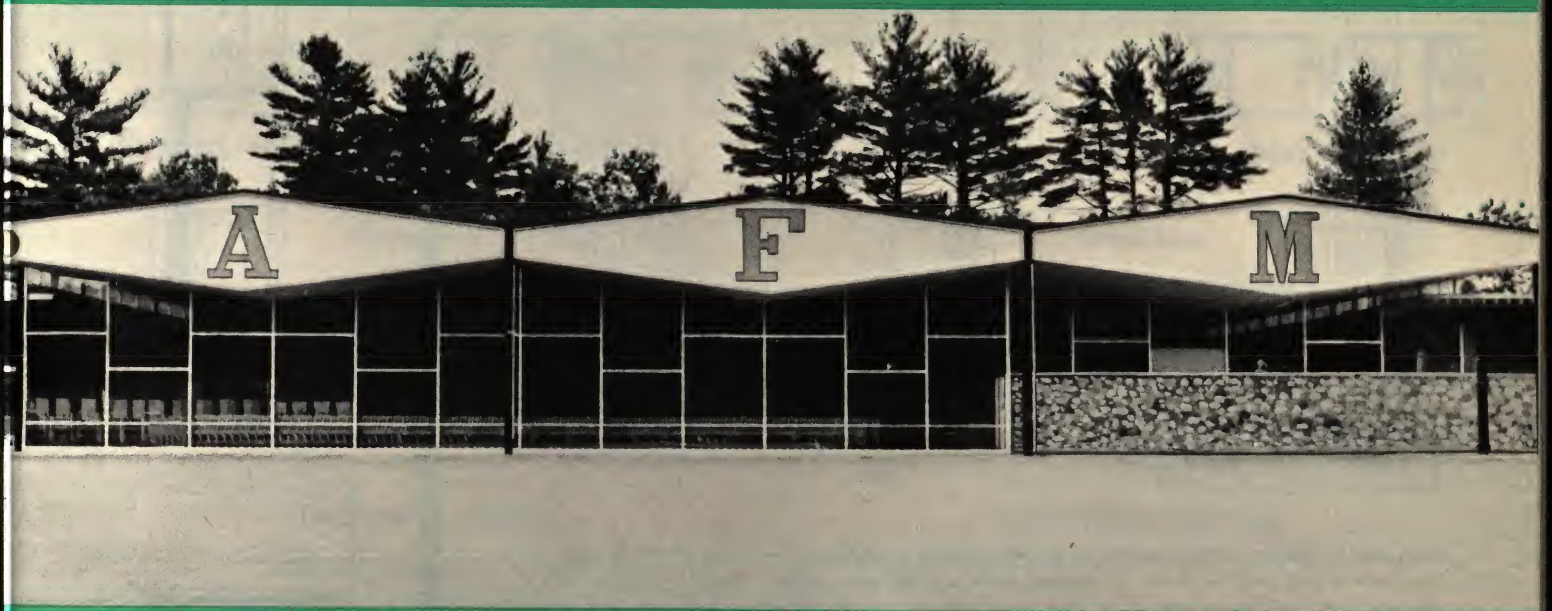
over 30 years...

16a
Nat

National

aluminum entrances and store fronts



ATLANTIC FOOD MARKET • NORTH READING, MASSACHUSETTS
architect: Salsberg & LeBlanc

catalog 60-S

National *Store Fronts Co. Inc.*

LAWRENCE, MASSACHUSETTS

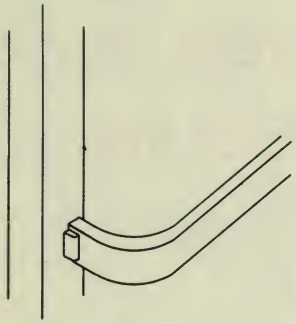
National Entrances

NATIONAL offers a door to the selective client who is concerned with its "under-the-hood" characteristics as well as its eye-catching appeal.

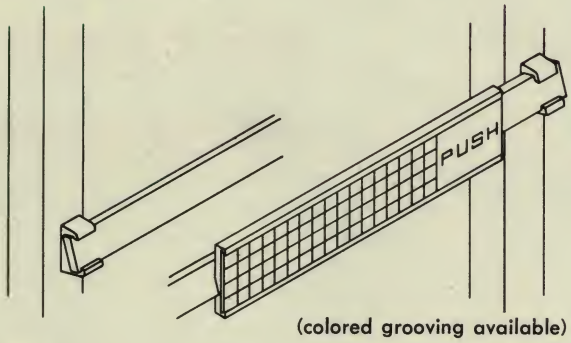
Its built-in features include internal 9" steel reinforcements for its mortised heavy aluminized brass multiple bearing butts; double deep-penetrating welds and bolts at each corner; heavy extrusion thickness; deadlock with heavy armored ¾" throw bolt; and other plus features.

The surface attractiveness of the NATIONAL door is enhanced by its superior buffed and anodized finish (204-A1-R1) and its harmonious hardware.

push and pull hardware



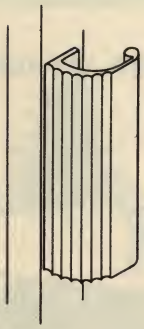
DH-1



DH-2

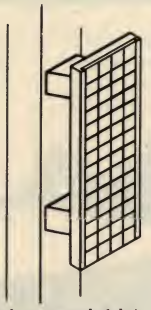
(colored grooving available)

DH-3



DH-11

DH-12



(colored grooving available)

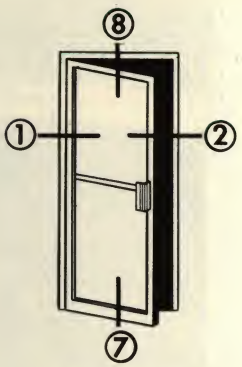
DH-13

specifications

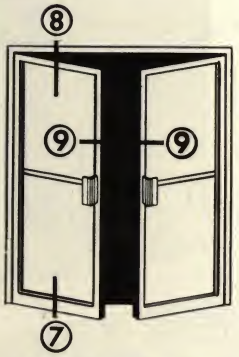
Doors shall be National Doors, constructed of extruded tubular aluminum shapes for stiles and rails. All aluminum shall be 6063-T5 with all exposed surfaces buffed and anodized. Extrusion thickness of stiles and rails shall be minimum of ⅛". The door thickness shall be 1¾". Stiles and rails shall be both bolted and electric arc Aircomatic welded to heavy extruded anchors at all four corners. All doors shall have adjustable astragals on lock stiles. Meeting stiles of all double doors shall be weatherstripped. All center pivoted doors shall be weatherstripped on lock and hinge stile. All glazing beads shall have vinyl inserts for clean, puttyless glazing. Butt hinged doors shall be furnished with steel reinforcing plates for one pair of 4½" x 4 mortised, multiple bearing, aluminized brass, templated butt hinges. Locks shall be non-rusting, deadlock type with hardened steel pin inserts, operated by standard 1-5/32" cylinders. Inactive doors of pairs shall be furnished with two 12" extension flush bolts.

Frames shall be constructed of extruded aluminum seamless tubes of 6063-T5 alloy. They shall be 1¾" x 4 x ⅛" thick with all surfaces buffed and anodized. Frames for butt hinged doors shall be furnished with steel reinforcing plates for door butt hinges.

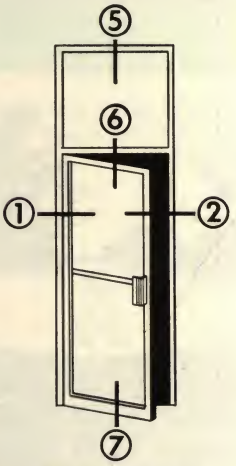
elevations



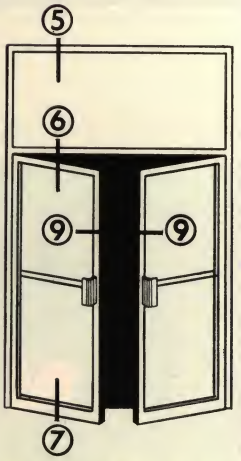
F-307 • F-367



F-507 • F-607 • F-707



FT-307 • FT-367

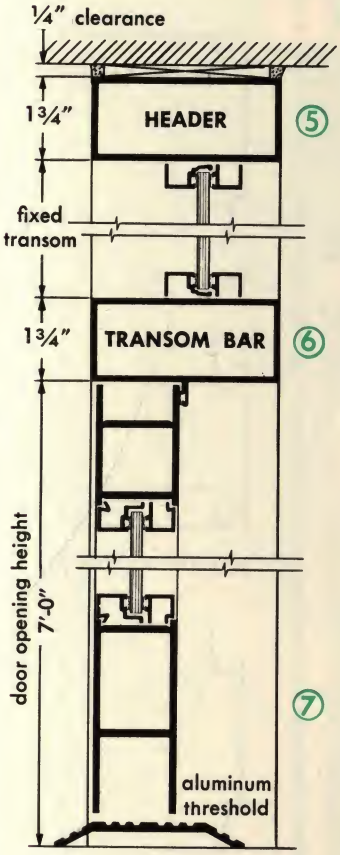


FT-507 • FT-607 • FT-707

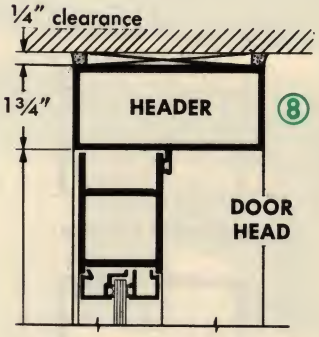
Side lights available to suit any design.

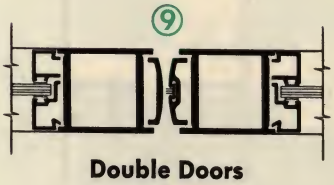
type B: Butt Hinged
type P: Offset Pivot

VINYL WEATHERSTRIPPED DOOR-STOP

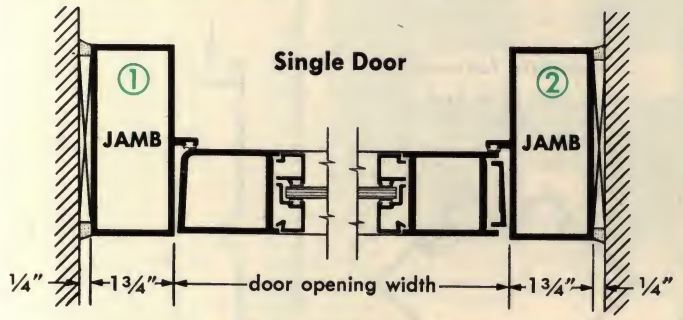


VERTICAL SECTION



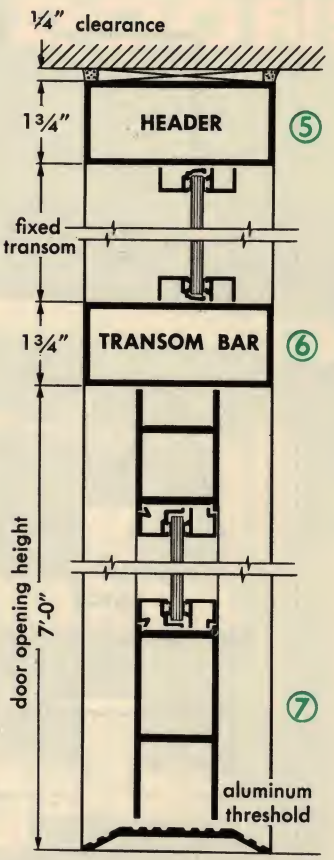


Double Doors

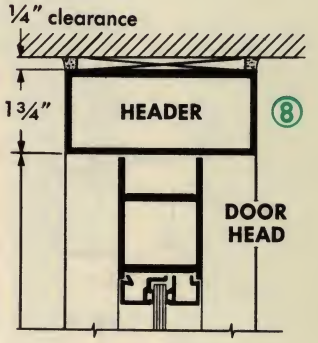


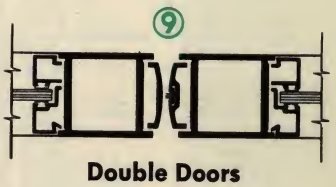
HORIZONTAL SECTION

type S: Center Hung Pivot Single Acting
type D: " " " Double "

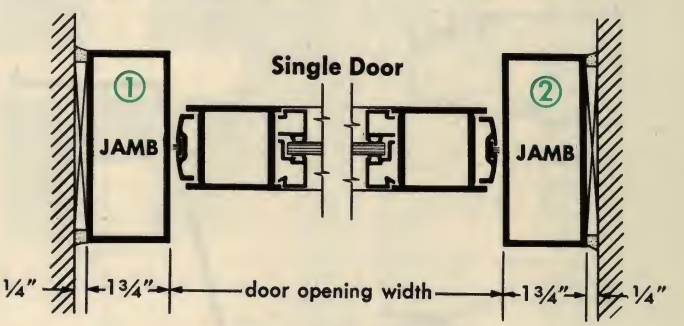


VERTICAL SECTION





Double Doors



HORIZONTAL SECTION

sizes — standard types B, P, S, D

door opening ■		frame opening ▲			
3'-0"	x 7'-0"	F 307—3'- 4"	x 7'-2"	FT 307—3'- 4"	x 10'-4"
3'-6"		F 367—3'-10"		FT 367—3'-10"	
5'-0"		F 507—5'- 4"		FT 507—5'- 4"	
6'-0"		F 607—6'- 4"		FT 607—6'- 4"	
7'-0"		F 707—7'- 4"		FT 707—7'- 4"	

■ Door sizes, singles or pairs, are ⅛" less than the opening width for single doors and ¾" less than the opening height (to allow for ½" threshold).

▲ Frame opening dimensions allow for ¼" erection clearance on all sides.

custom entrances

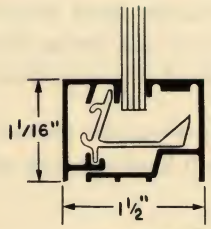
Custom Entrances are also readily available. These include standard or special size doors in frames with sidelites, frame of any design or size, full or semi-panelled doors, and other modifications.

Also Available—Doors with Concealed Panic Hardware (U. L. approval).

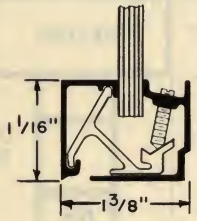
typical **BUTT-WAY STOREFRONT** mouldings

✳ 1/2 full size

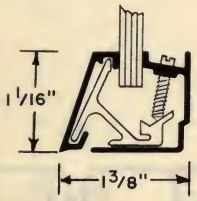
sash



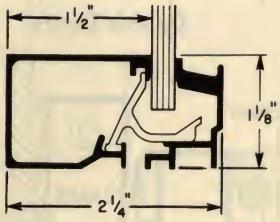
• 100-X



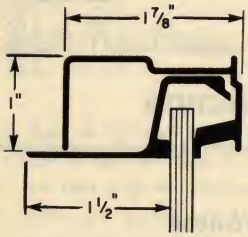
• 105-X



• 107-X

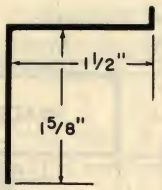


• 131-X

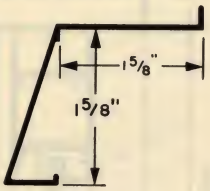


• 130-X

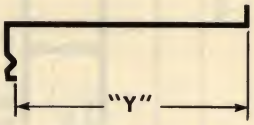
sills and jambs



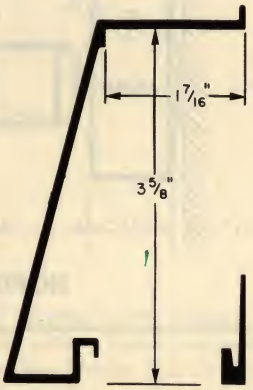
SILL
• 366-X
(matching head available)



SILL
• 367-X
(matching head available)

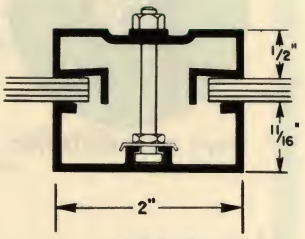


SILL
Y=1 5/8" • 23-X
Y=2 1/2" • 361-X

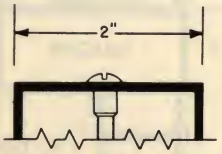


SILL
• 357-X

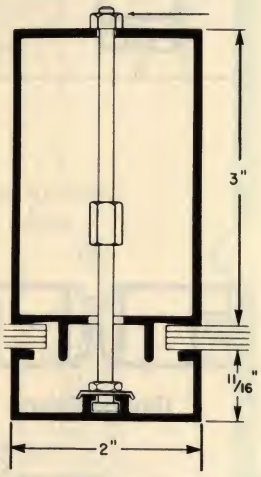
division and corner bars



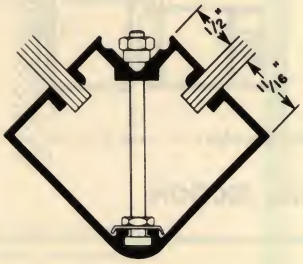
• 151-X



alternate fastener

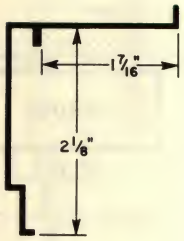


standard fastener
MULLION BAR
• 154-X

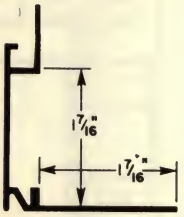


• 152-X-90°
also available for angles up to 179°

interlocking fascia

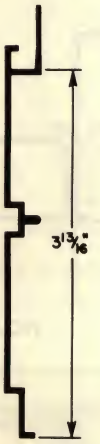


TOP • 306-X



BOTTOM • 308-X

SINGLE EXPANSION
• 307-X



DOUBLE EXPANSION
• 309-X

✳ These details are extracted from the complete catalog of National storefront mouldings. Send for your copy.

National *Store Fronts Co. Inc.*

MANCHESTER STREET • LAWRENCE, MASSACHUSETTS

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